

Figure 1.1

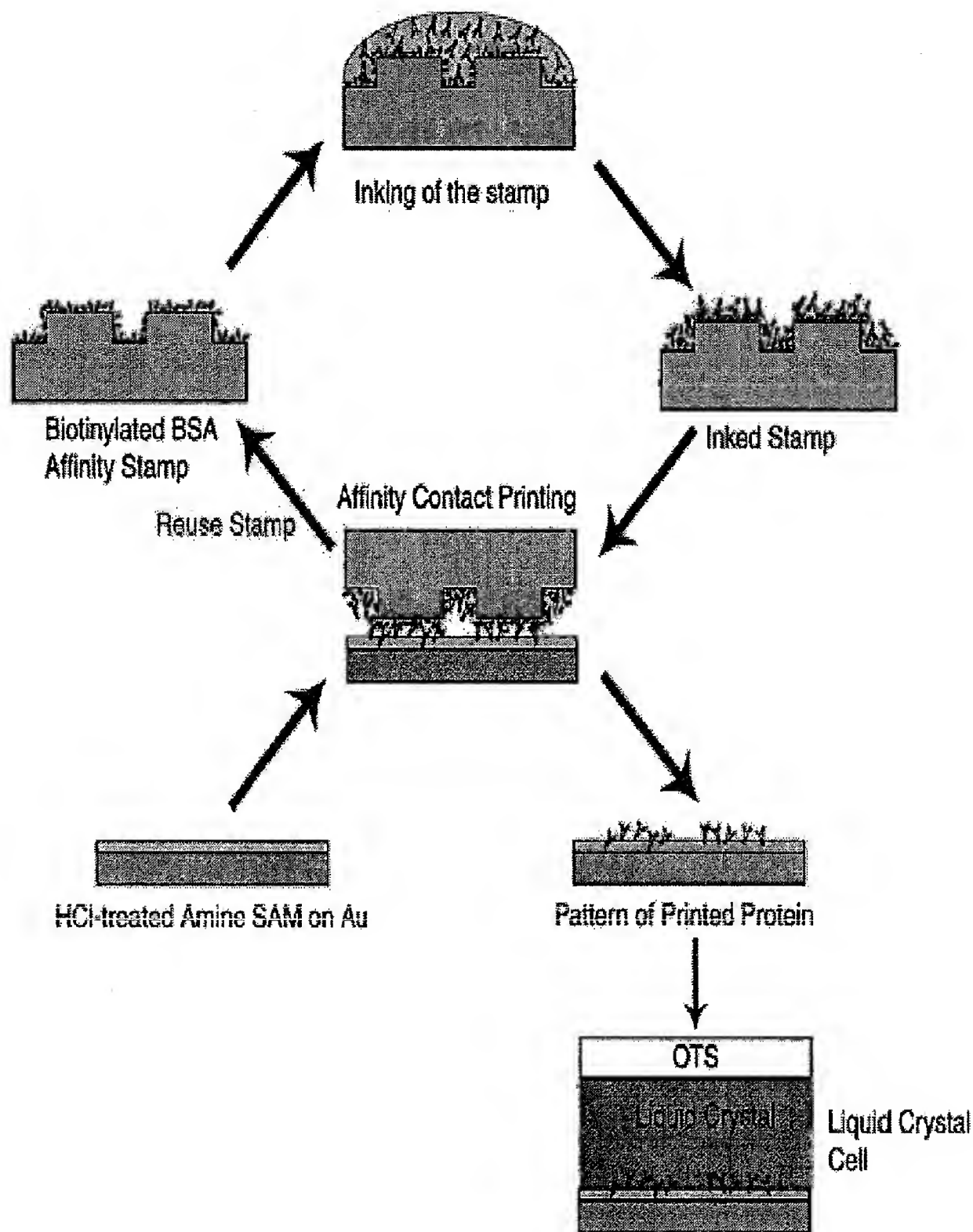


Figure 1.2

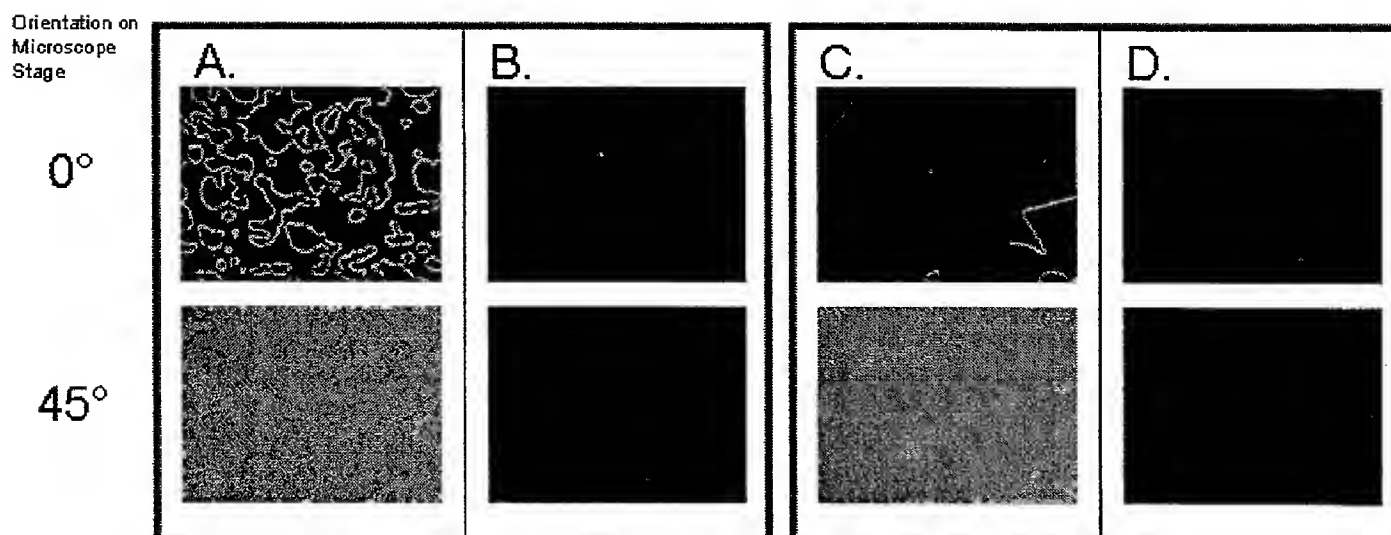


Figure 2

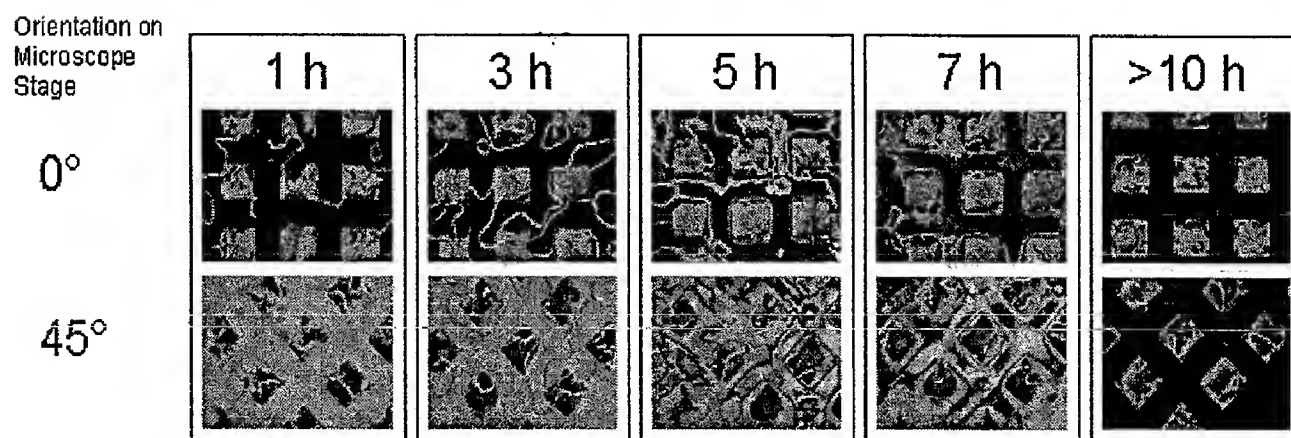


Figure 3.1

10 Hour Heating of Liquid Crystal at 37°

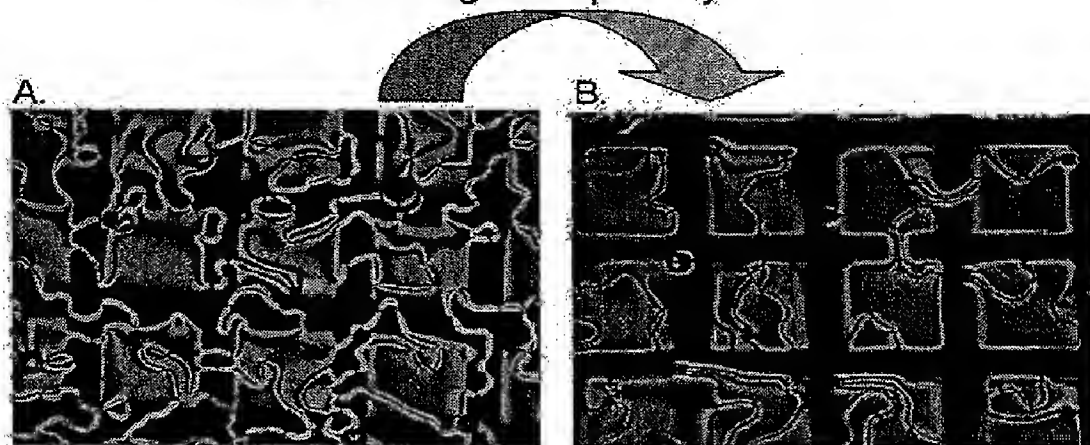
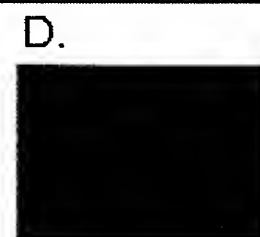
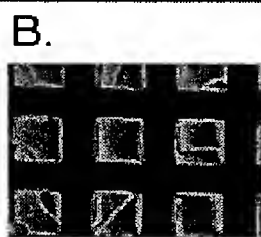
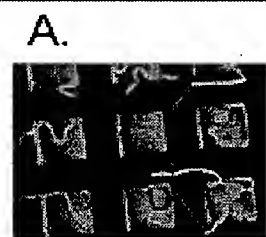


Figure 3.2

Orientation on
Microscope
Stage

0°



45°

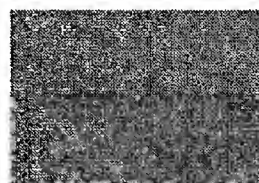
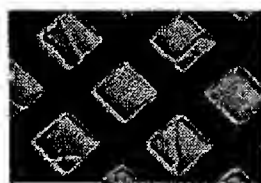
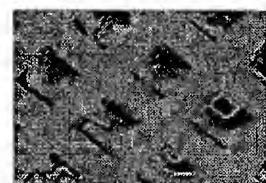
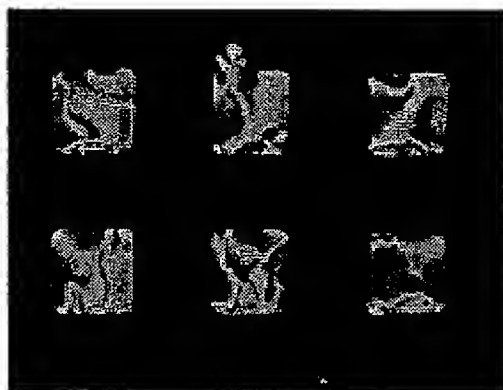


Figure 4

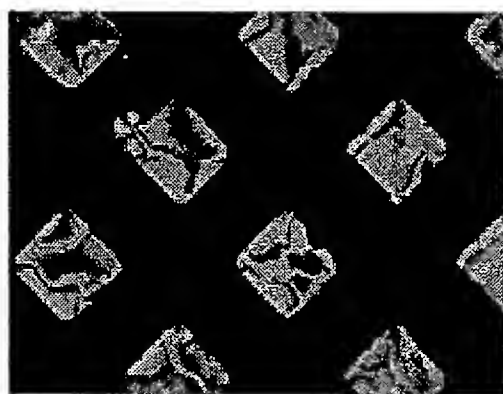
Orientation on
Microscope
Stage

0°

A.



45°



B.

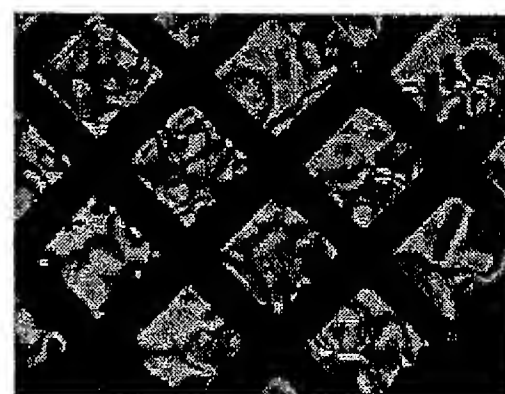
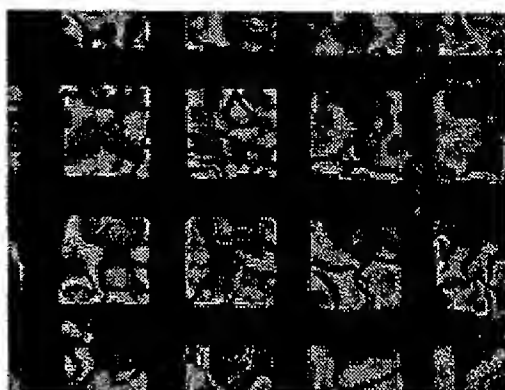


Figure 4.1

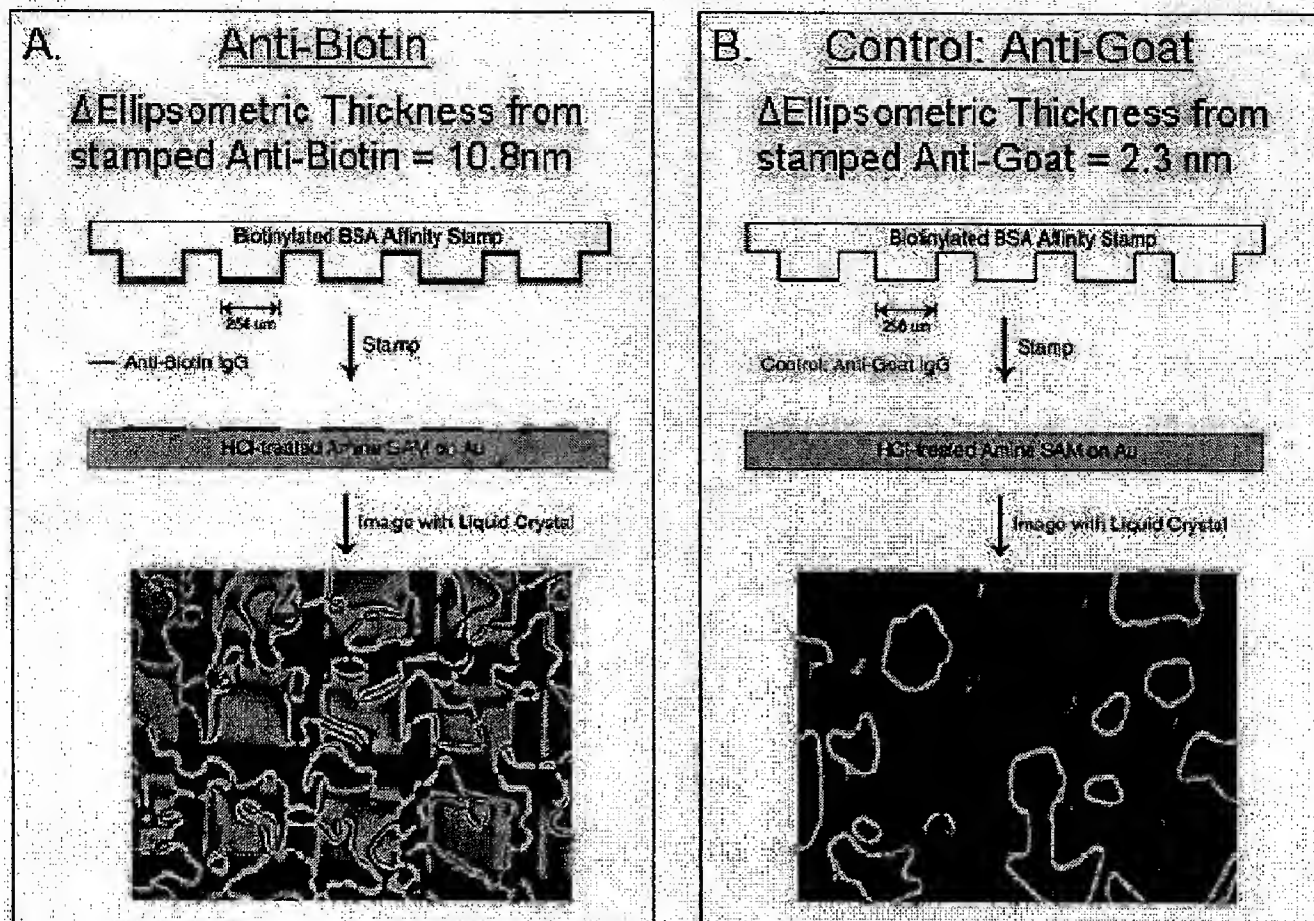


Figure 4.2

Orientation on
Microscope
Stage

0° 15° 30° 45° 60° 75° 90°

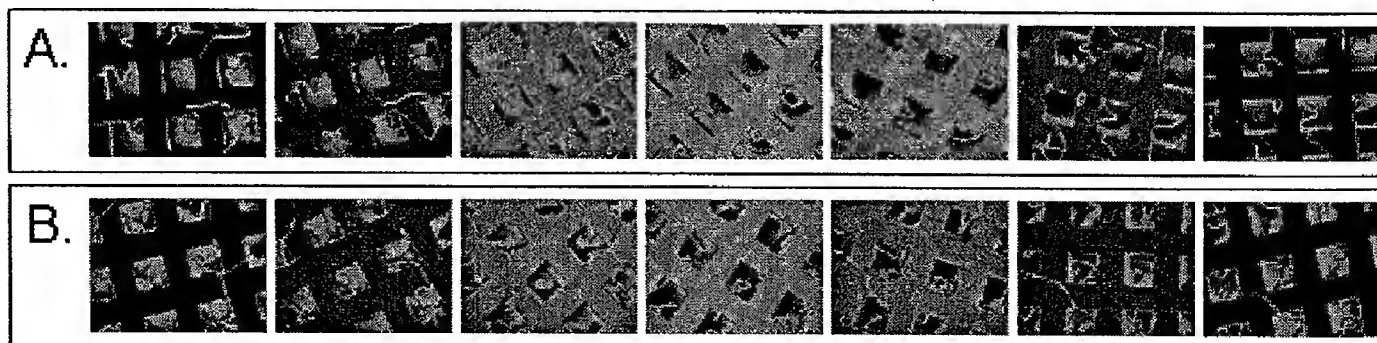


Figure 5.1

Affinity Contact Printing vs. Microcontact Printing

Orientation on
Microscope Stage

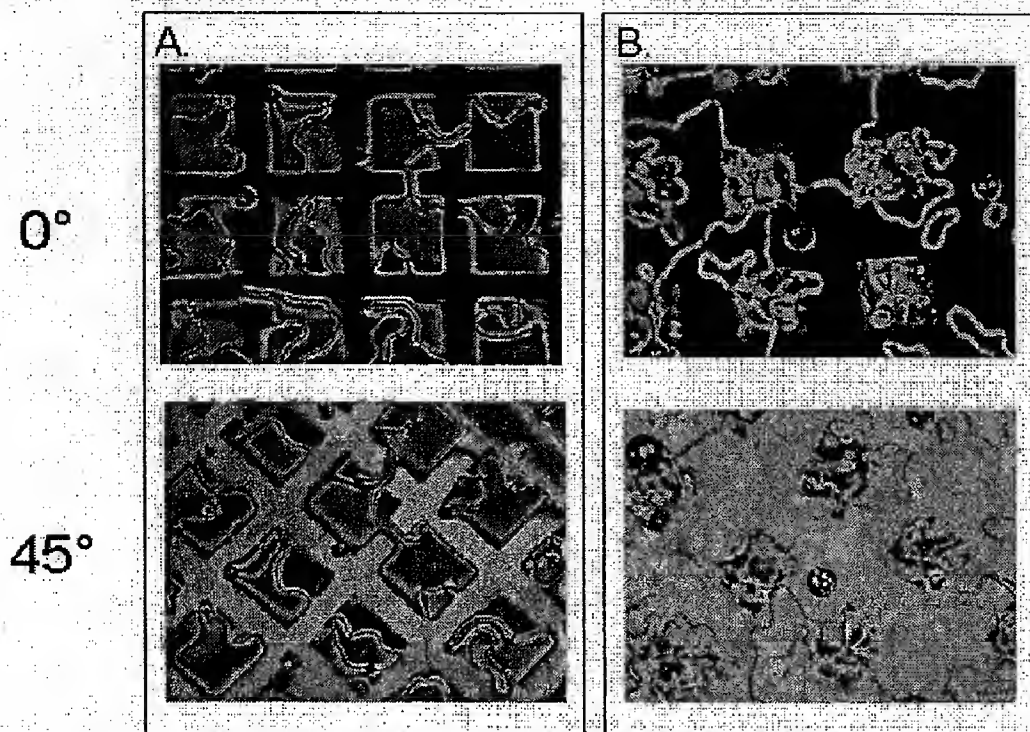


Figure 5.2

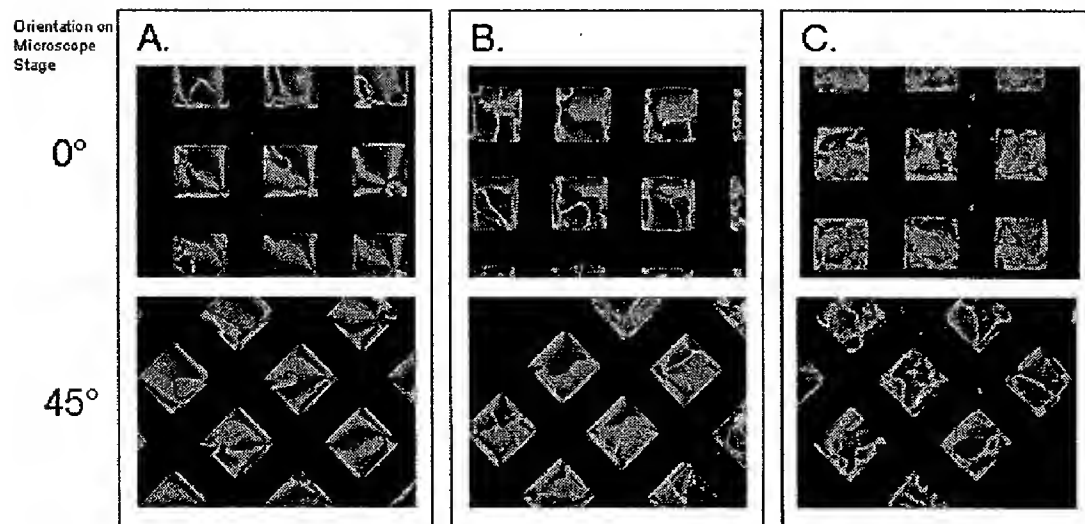


Figure 6.1

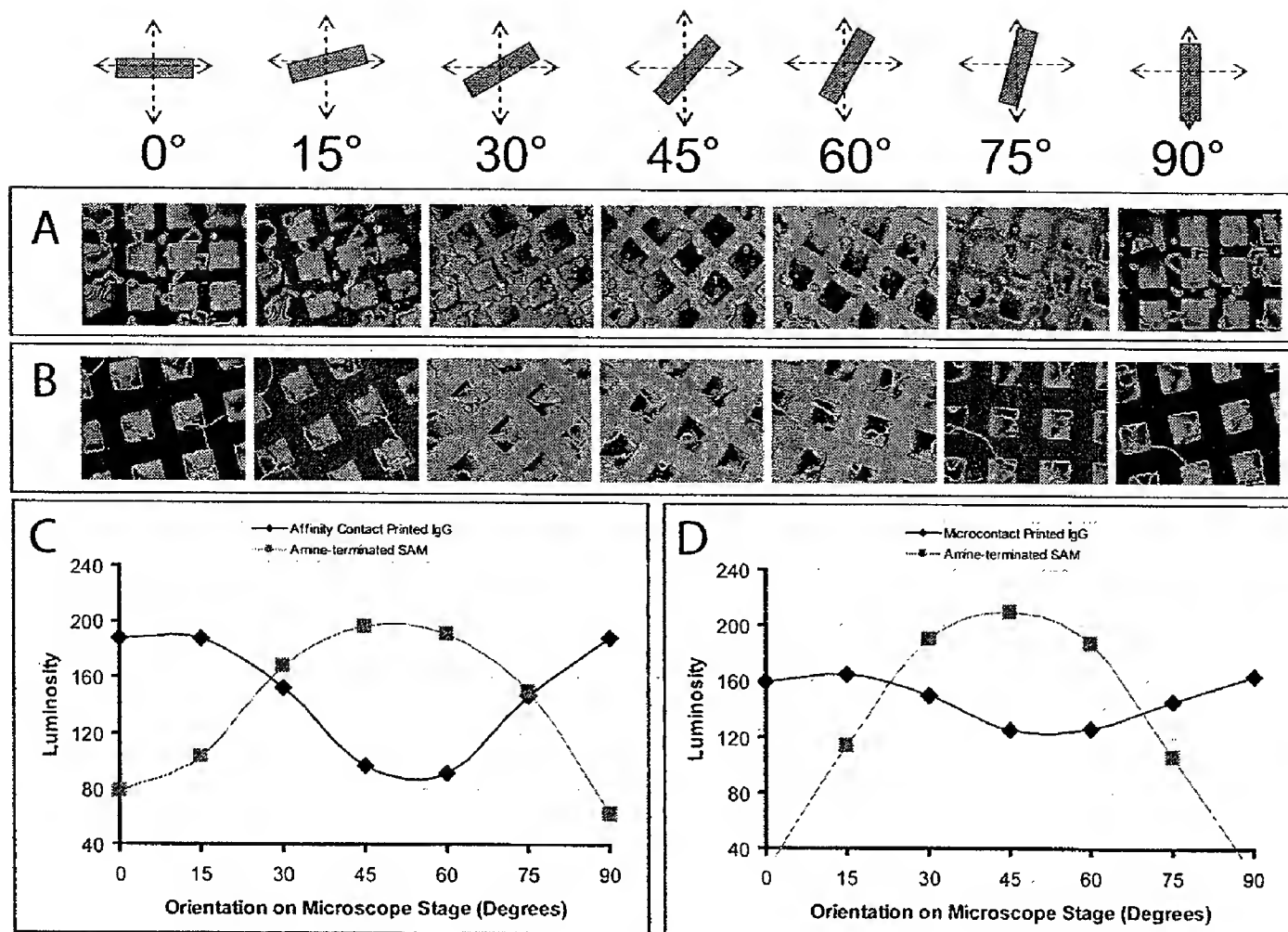


Figure 8

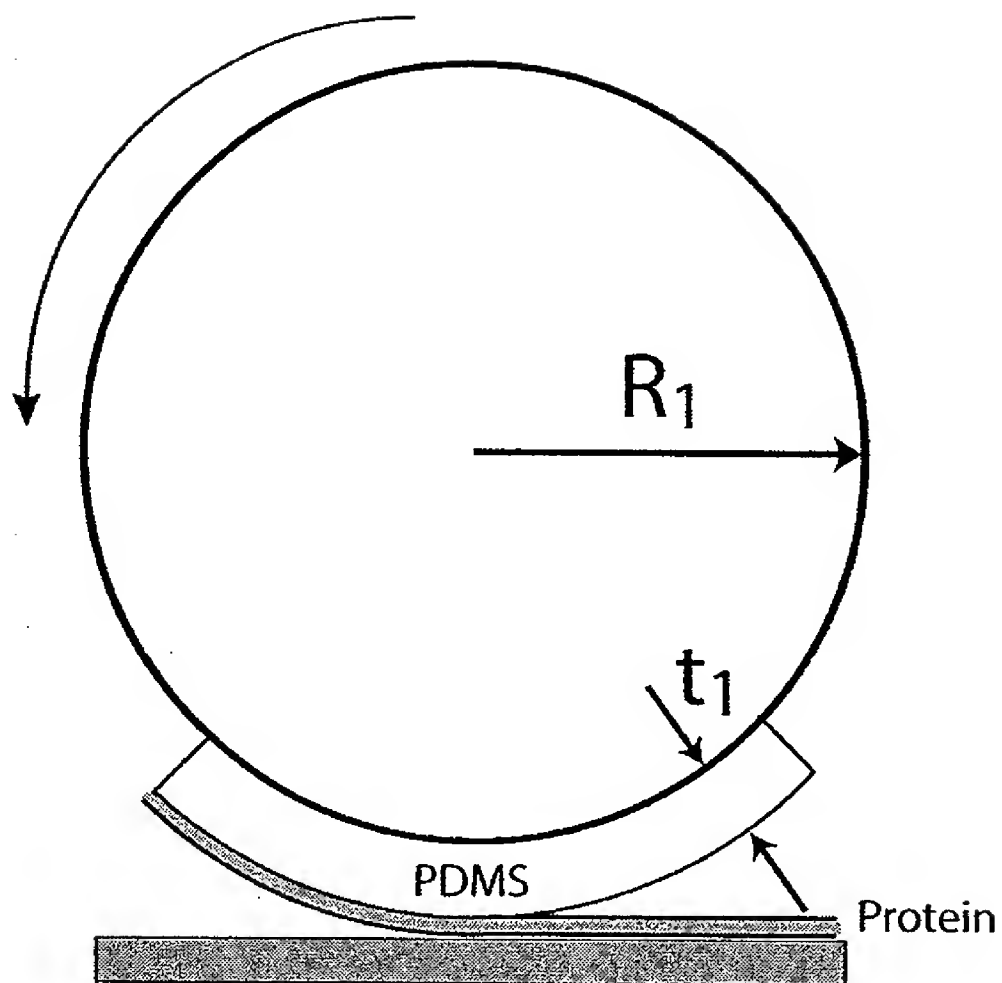


Figure 9

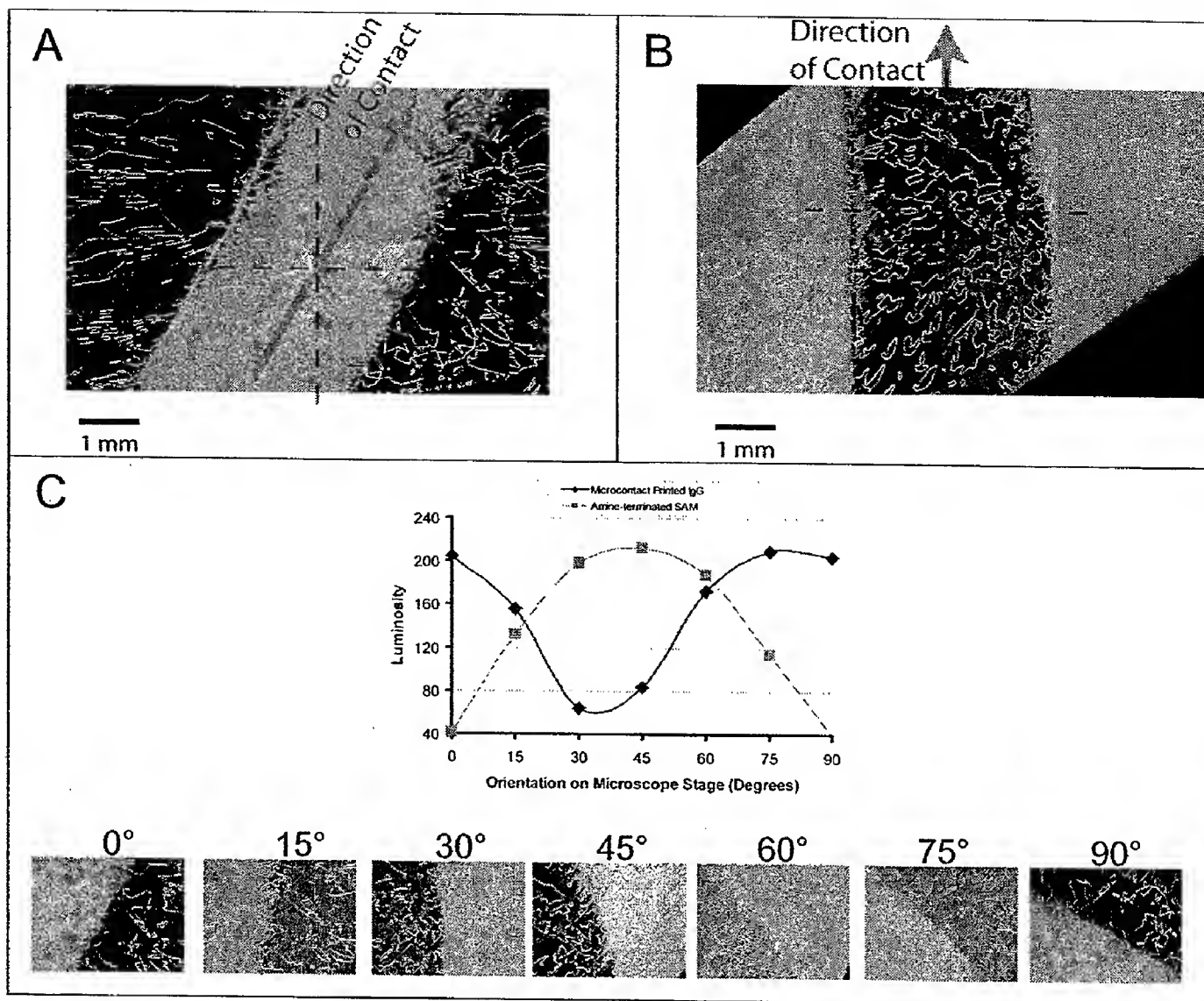


Figure 10

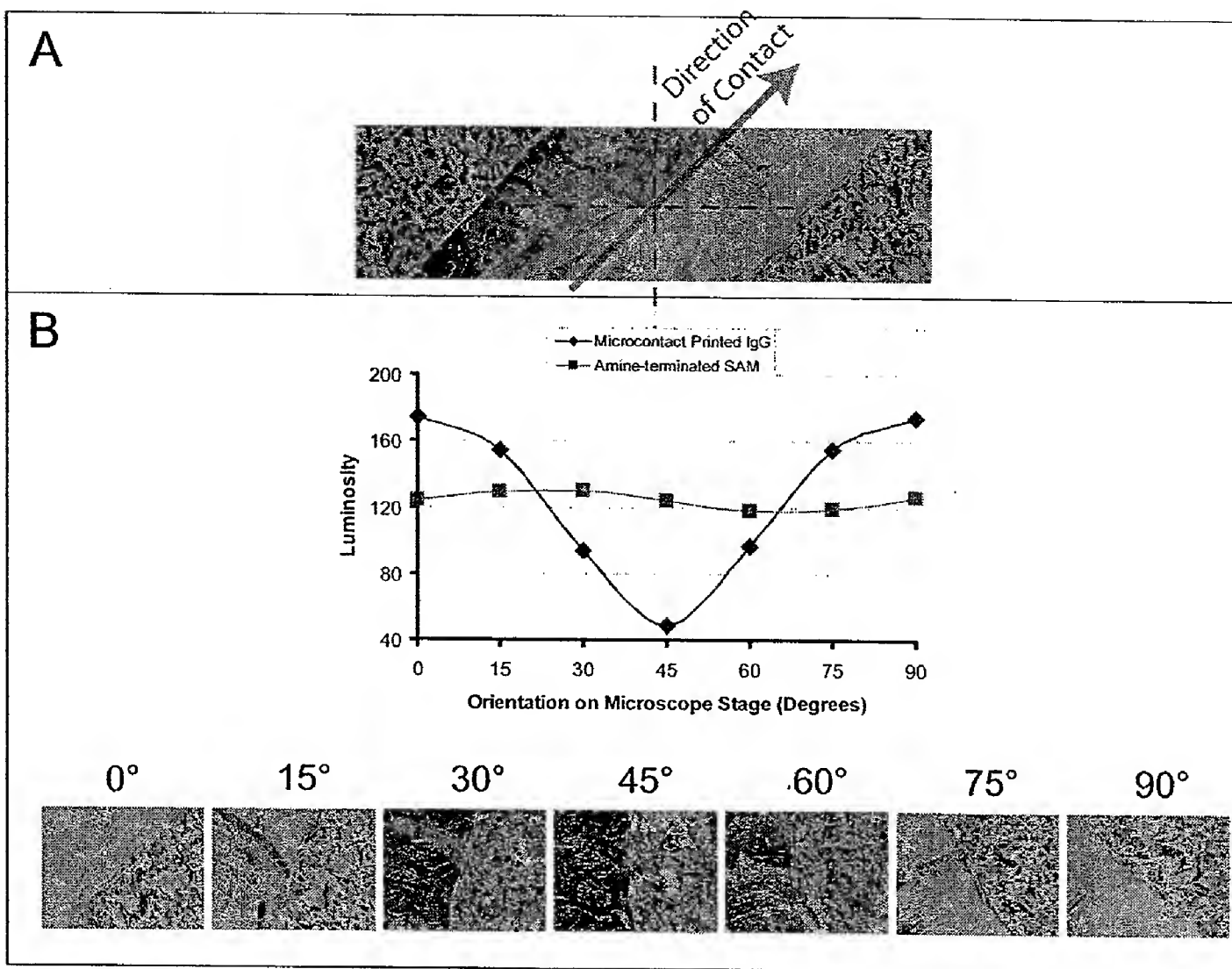
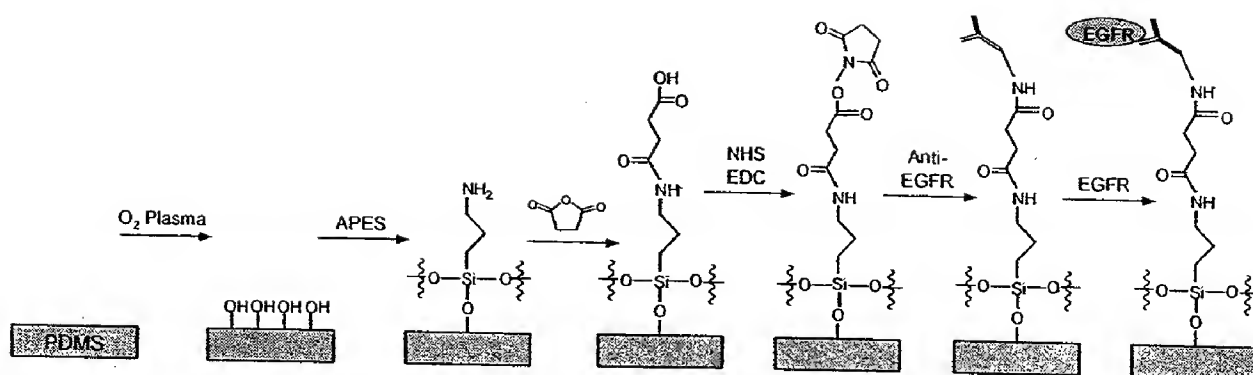
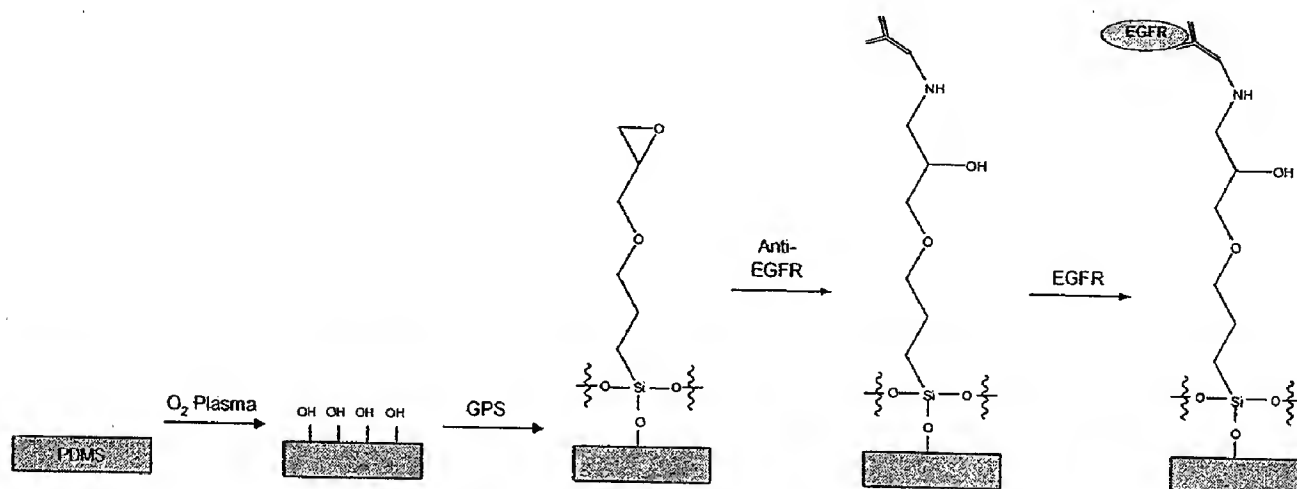


Figure 11

A.



B.



C.

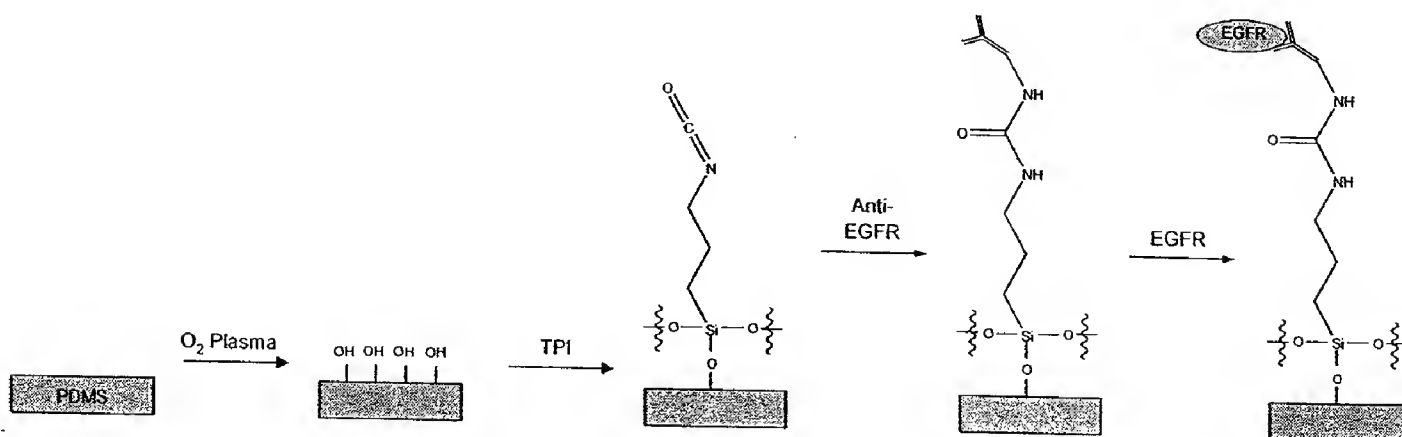


Figure 12

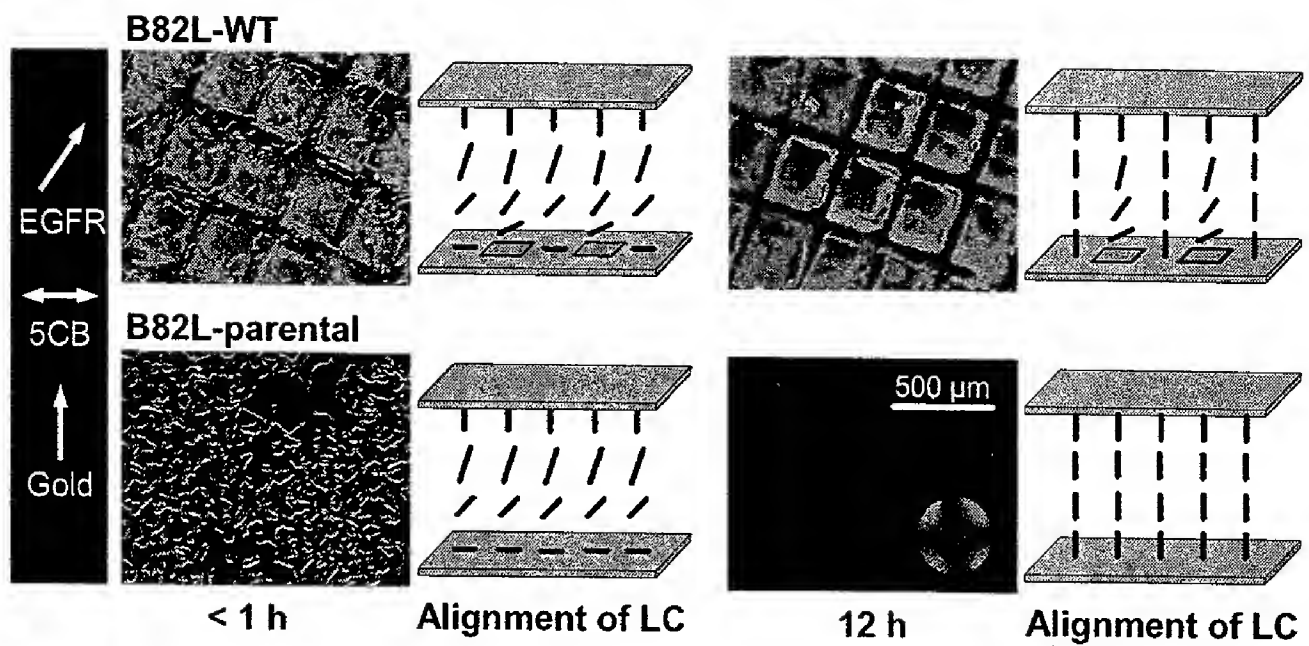


Figure 13

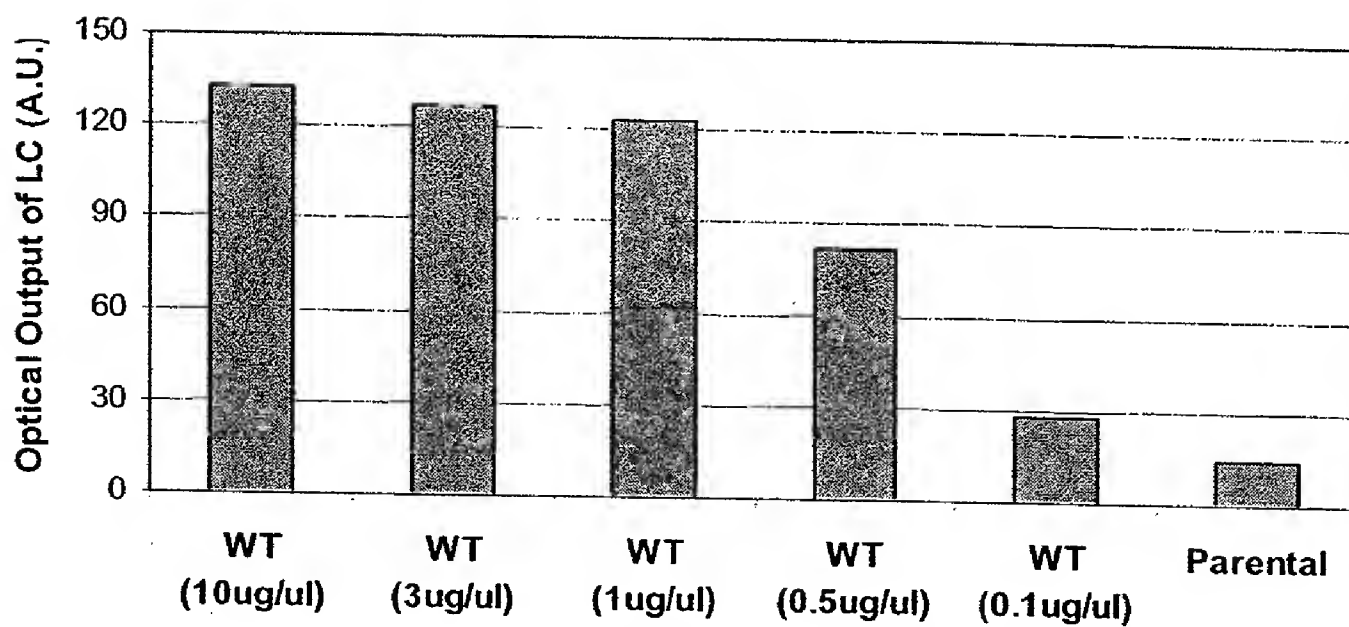


Figure 14

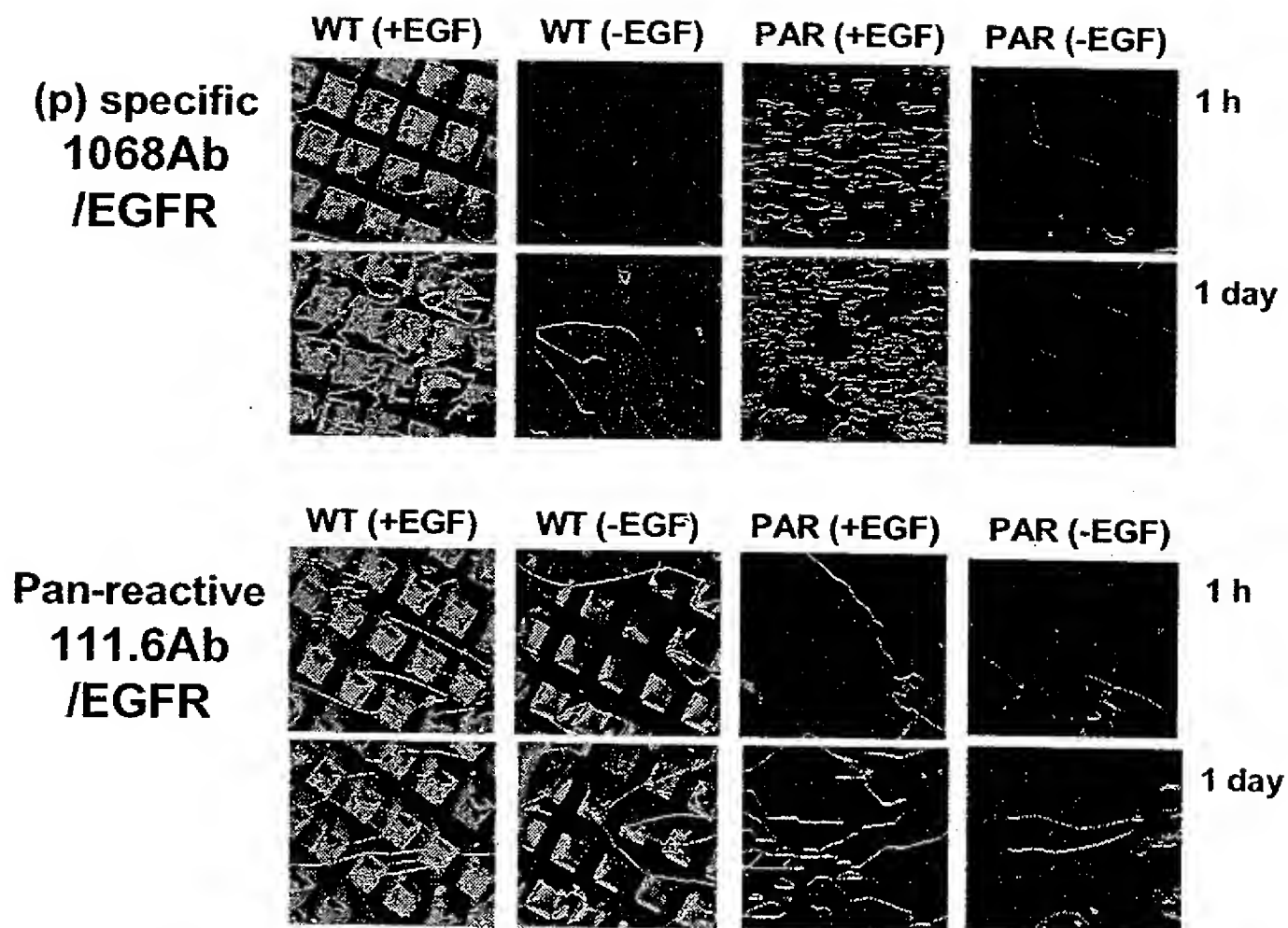


Figure 15

Average Optical Response of 5CB in The Region of Printed EGFR

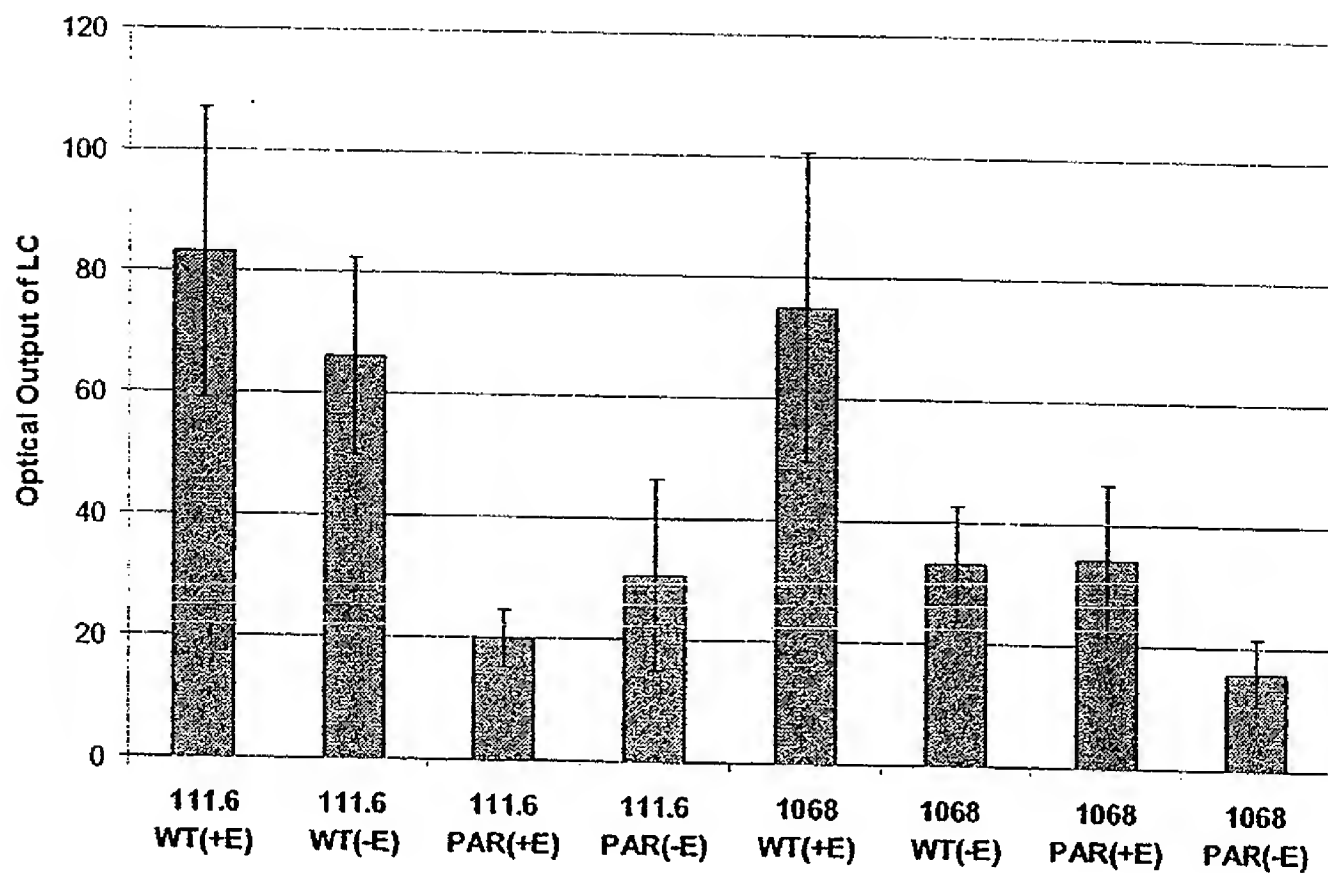


Figure 16

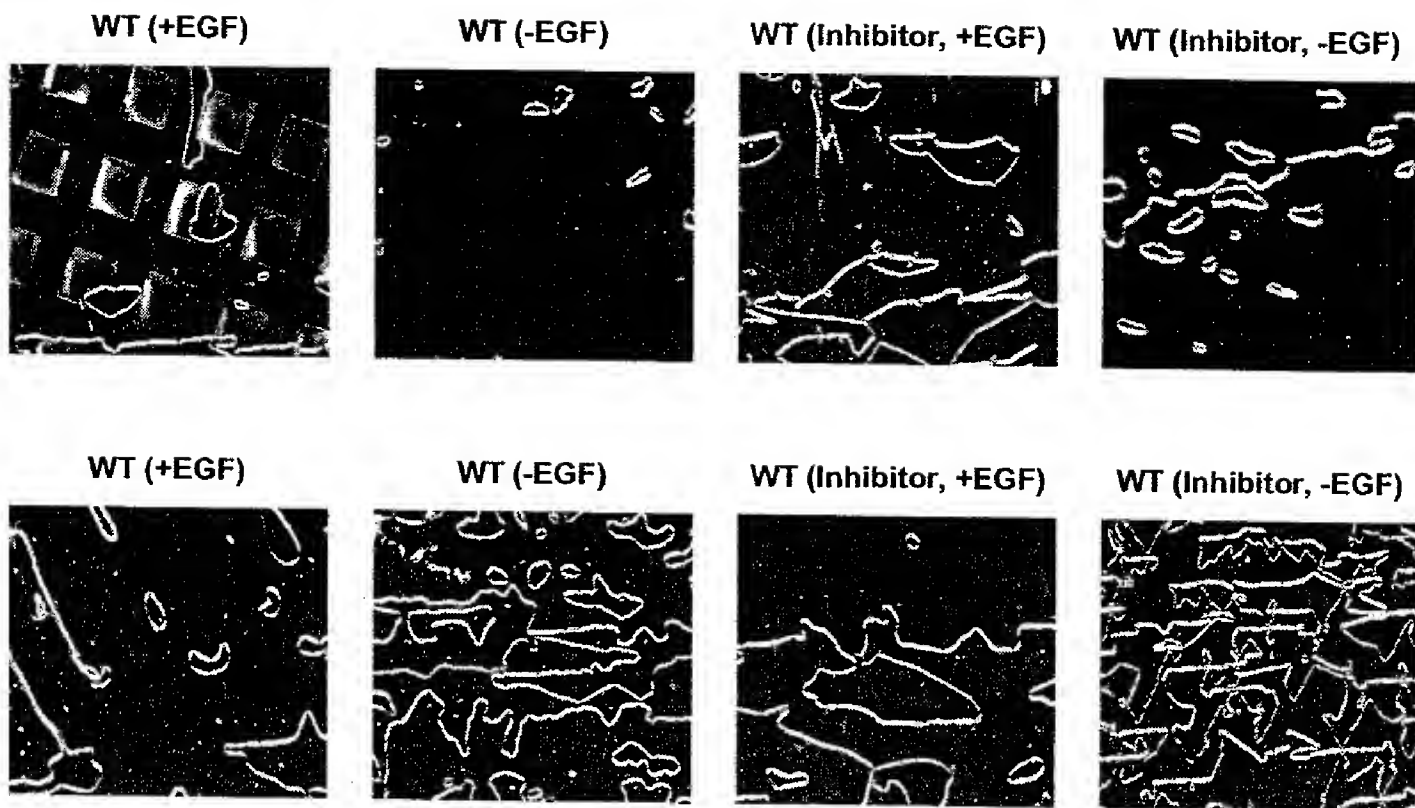


Figure 17

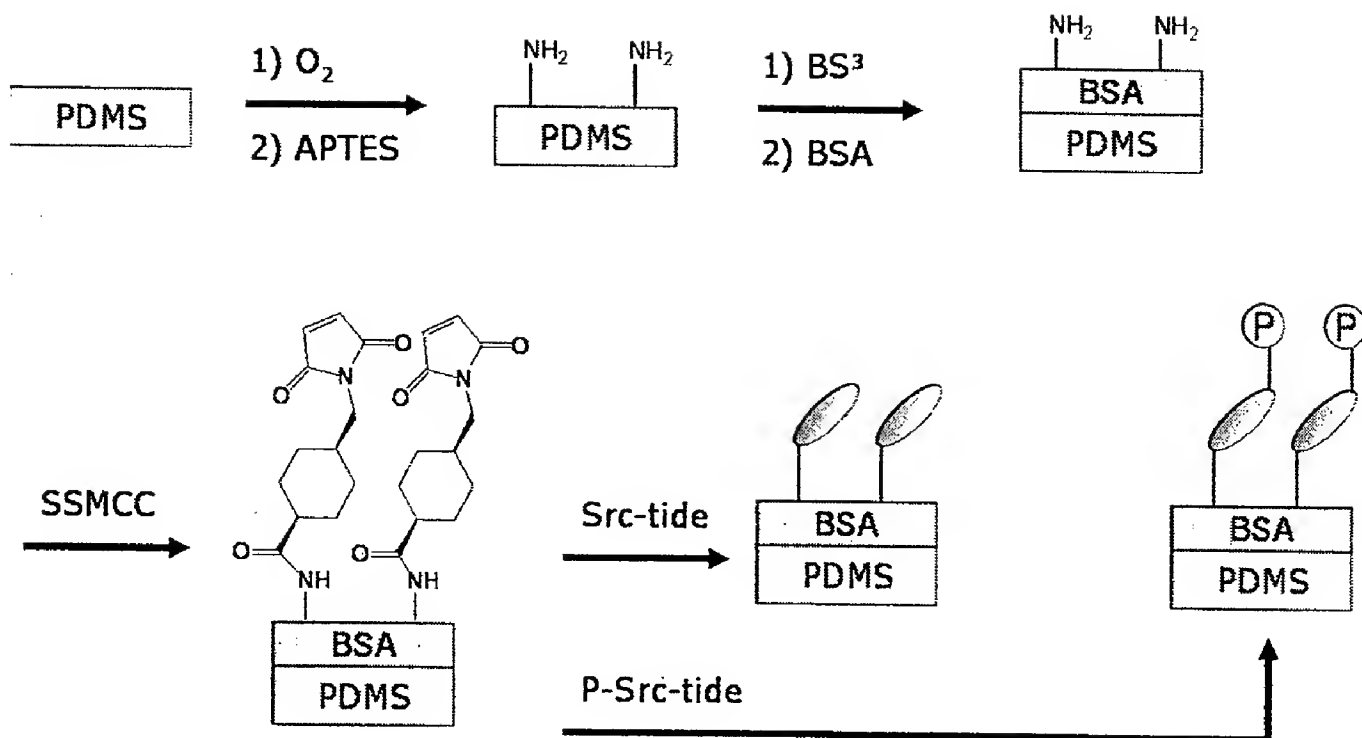


Figure 18

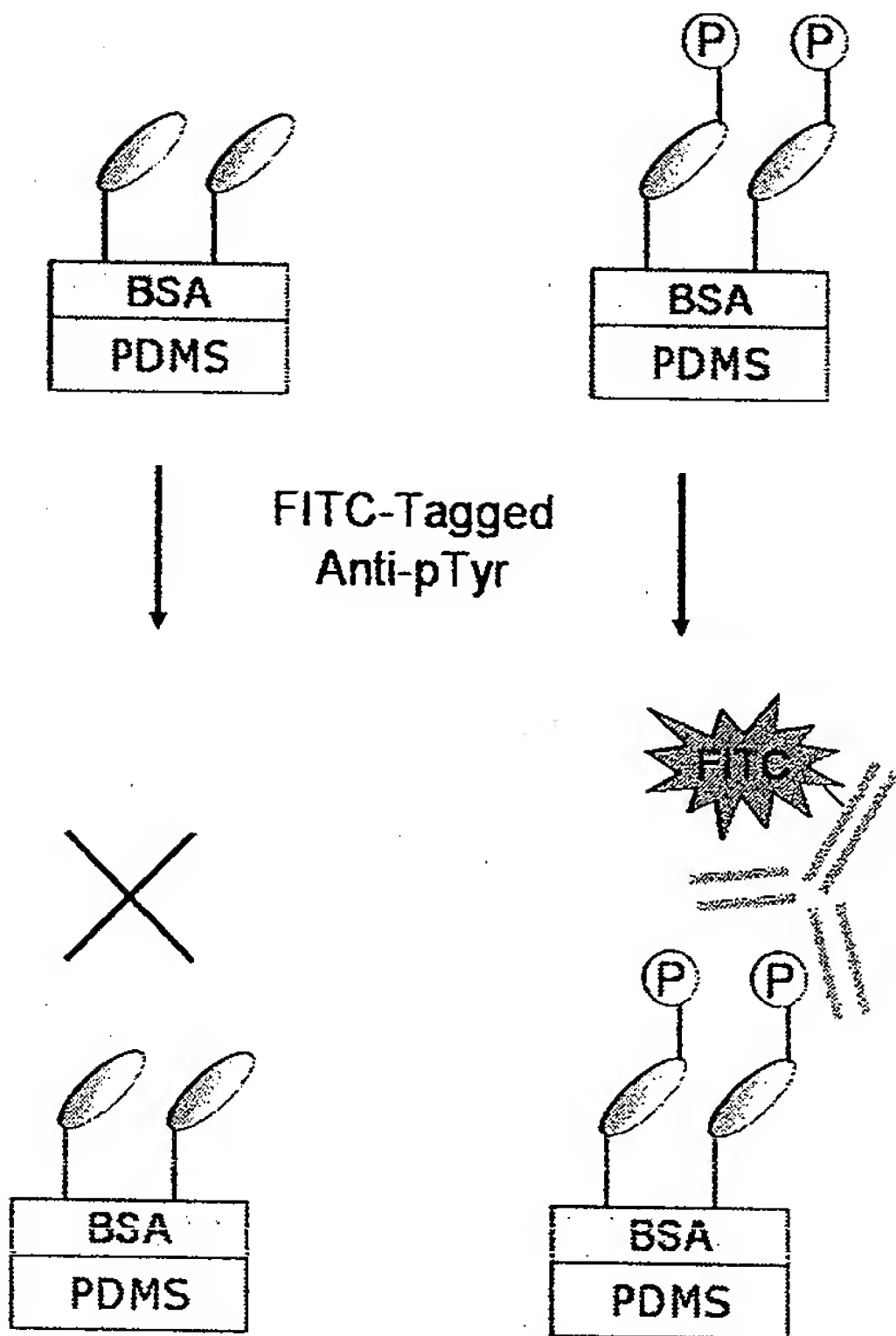
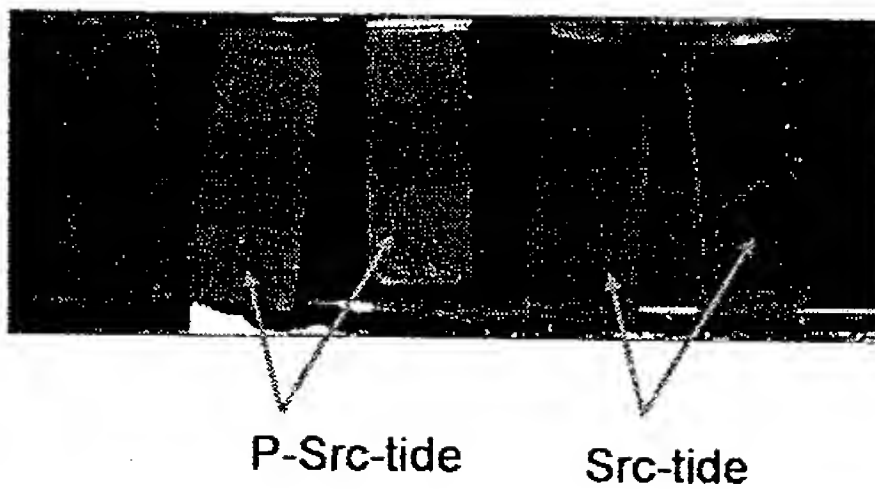
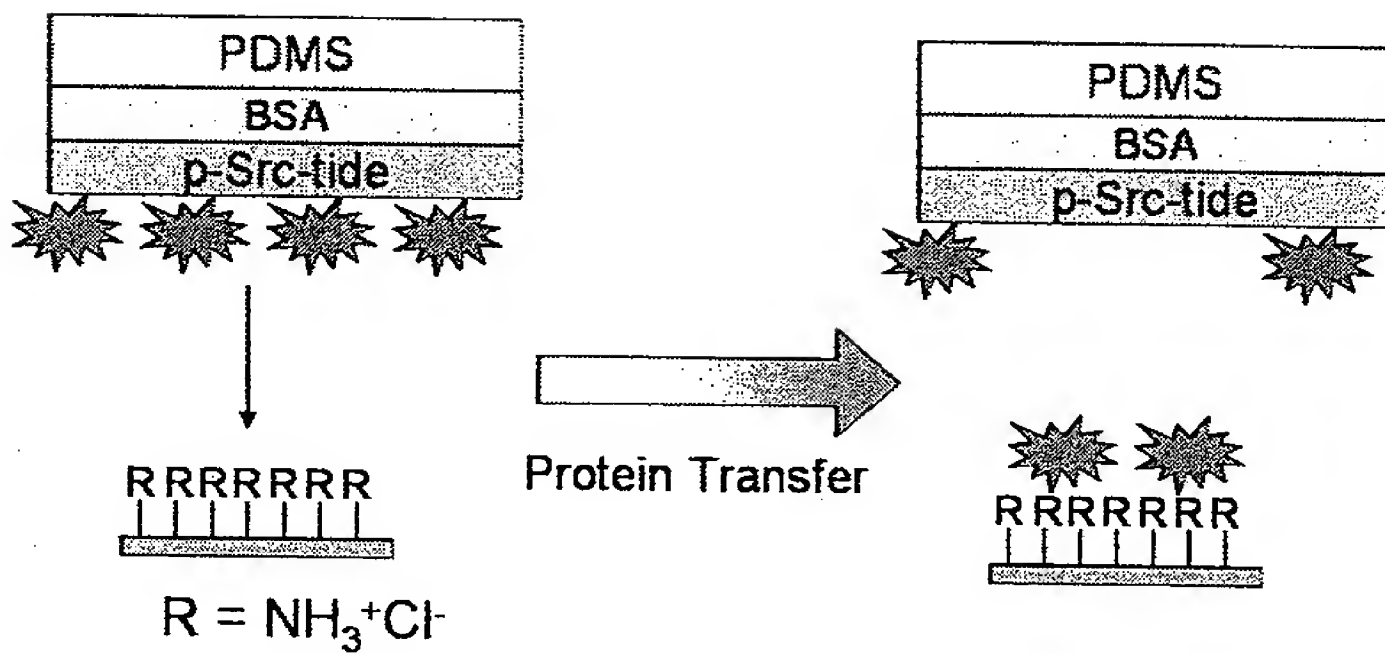


Figure 19

A



B

Figure 20

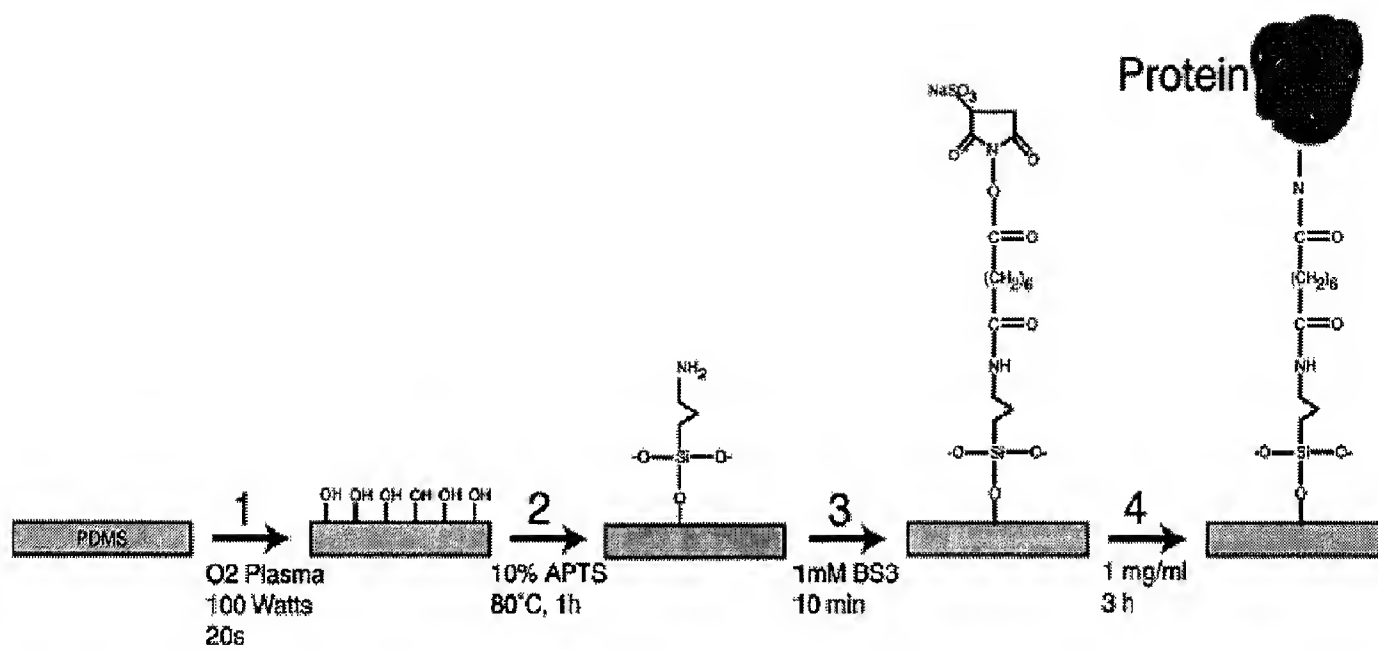


Figure 21

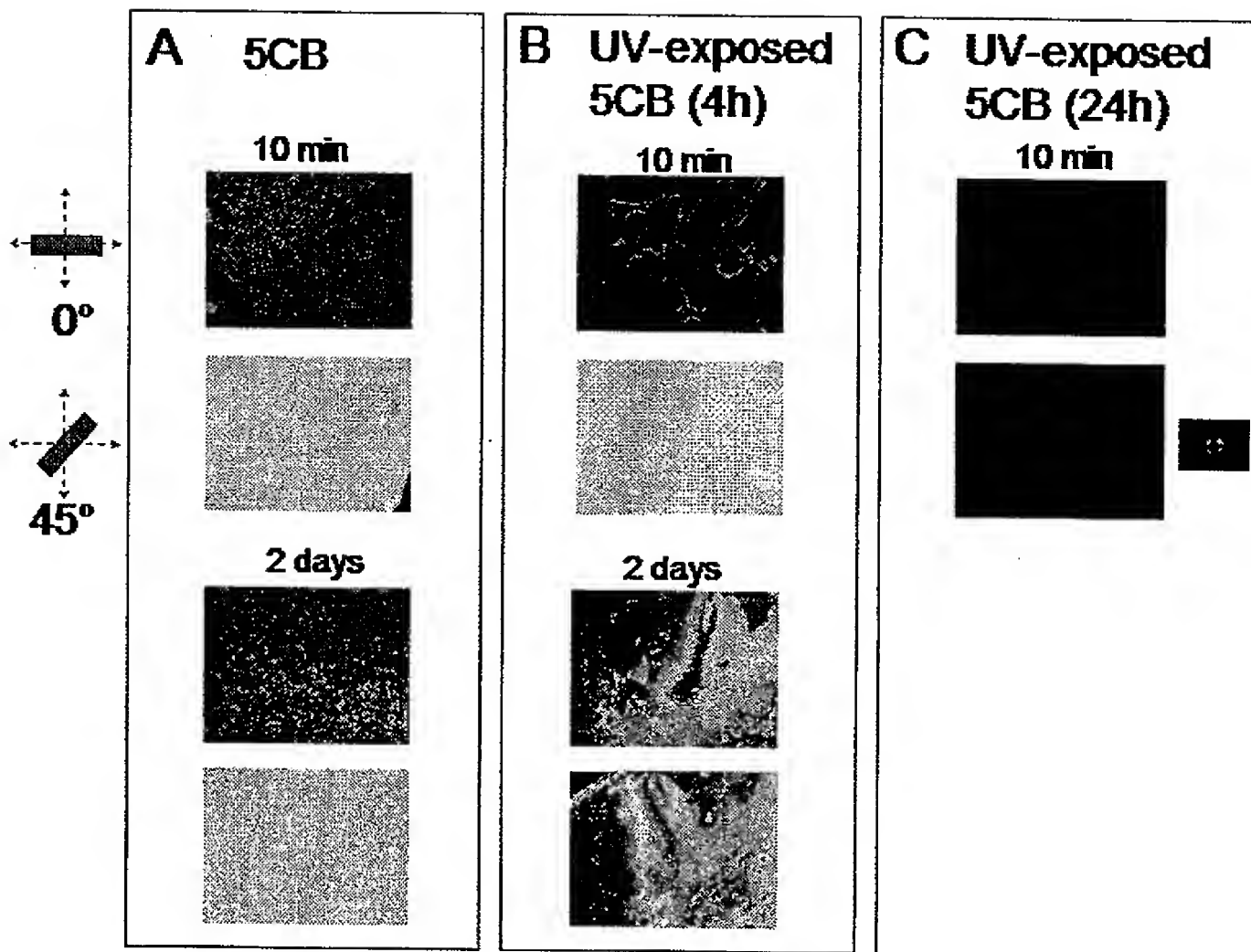


Figure 22